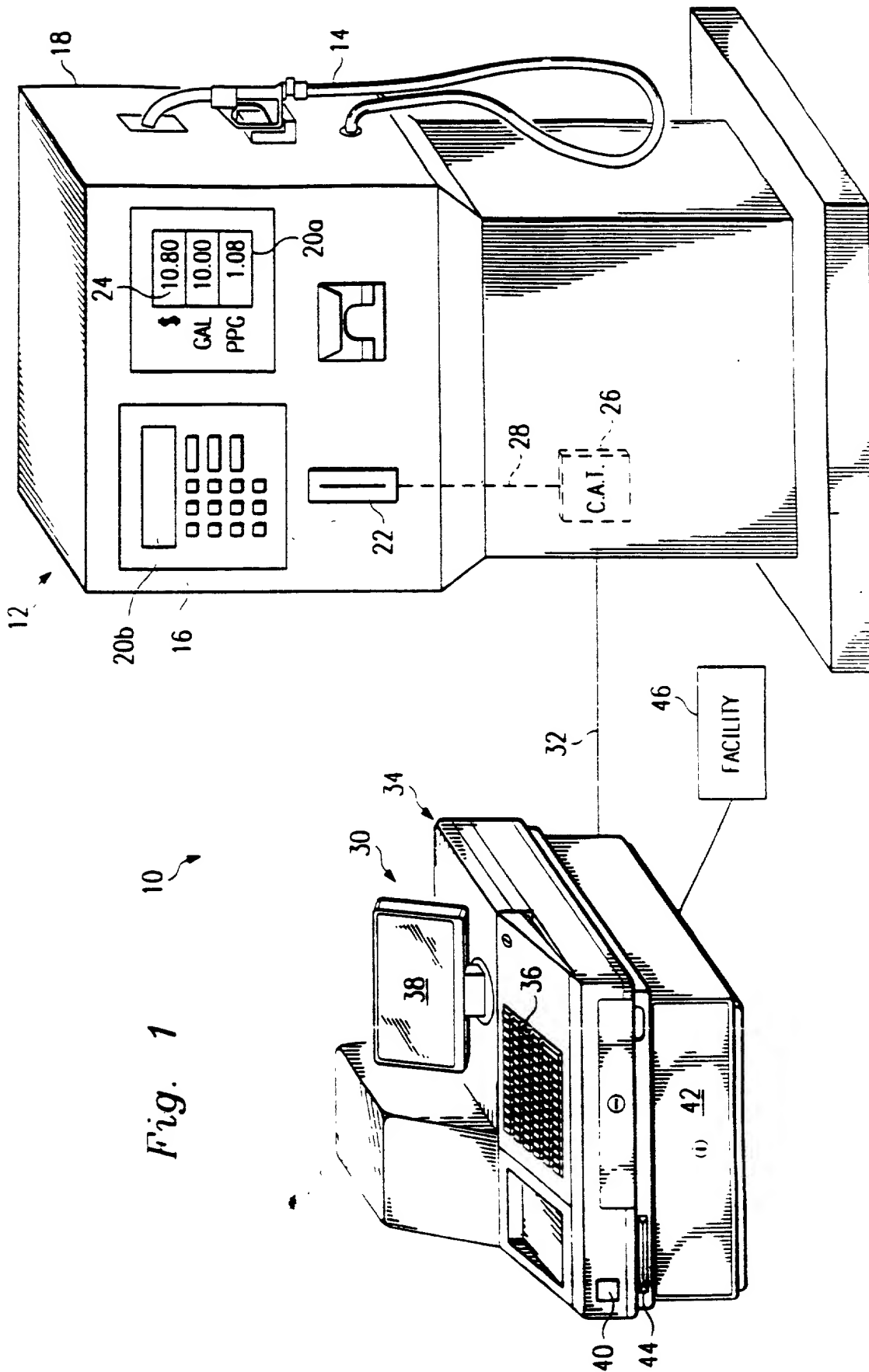


DOT PAT 26331.72



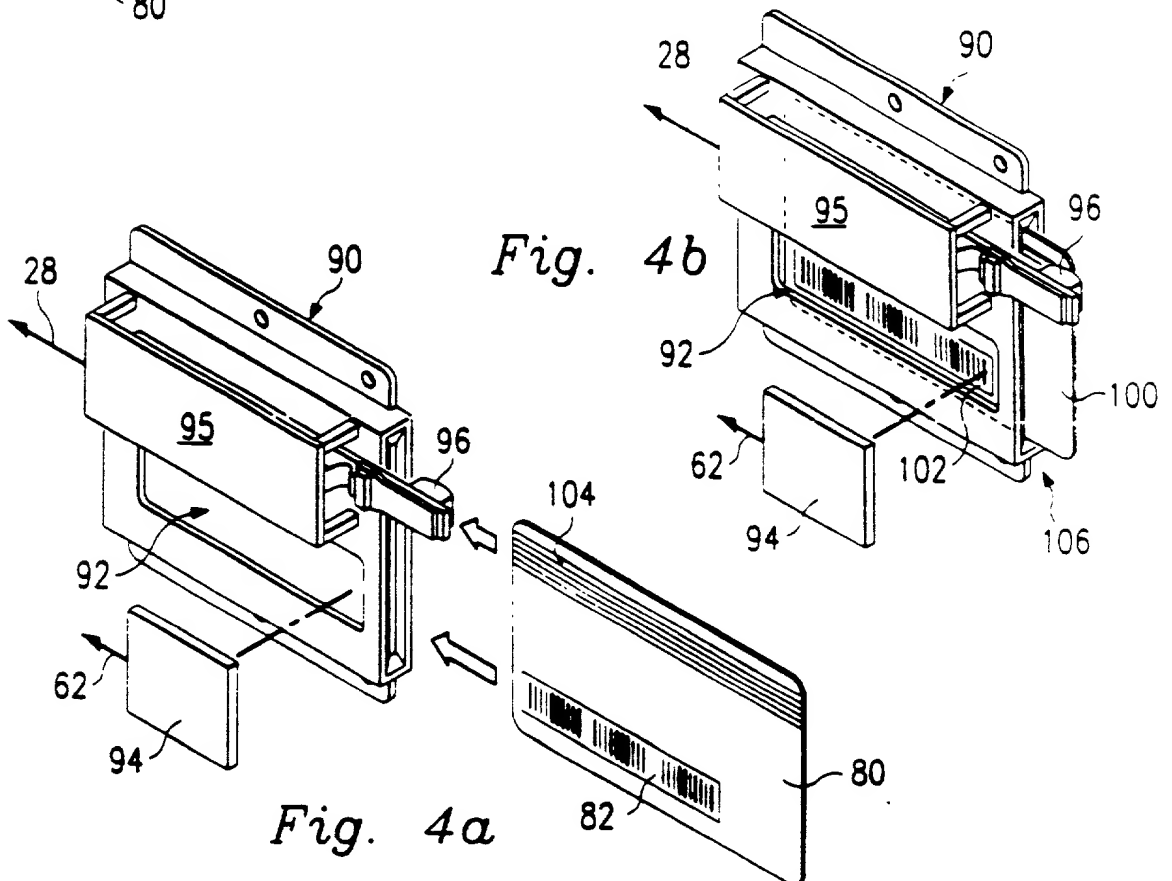
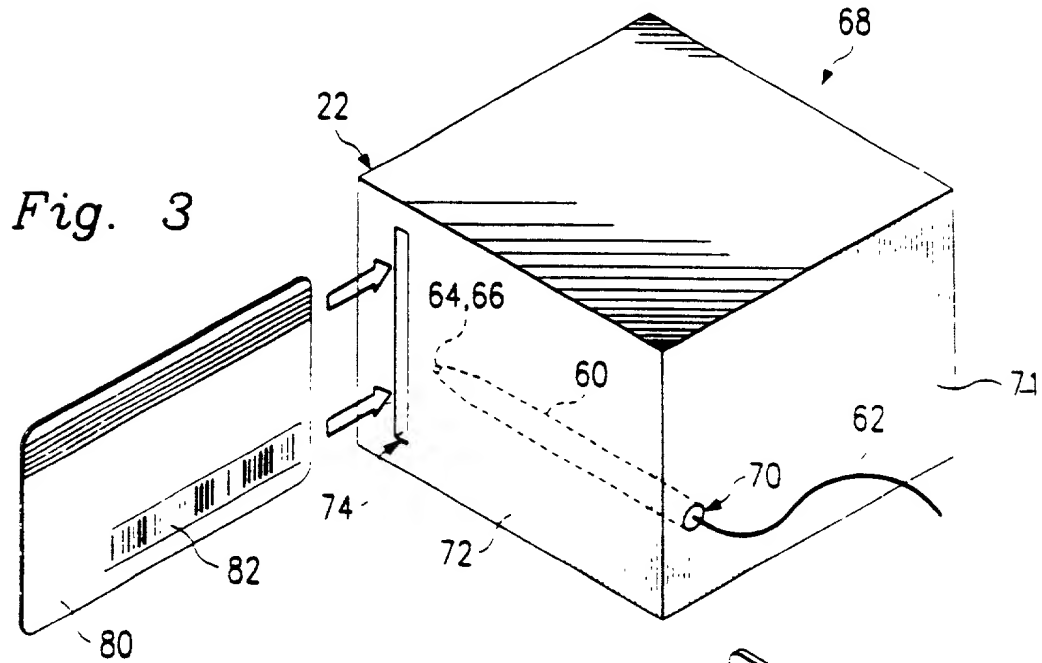
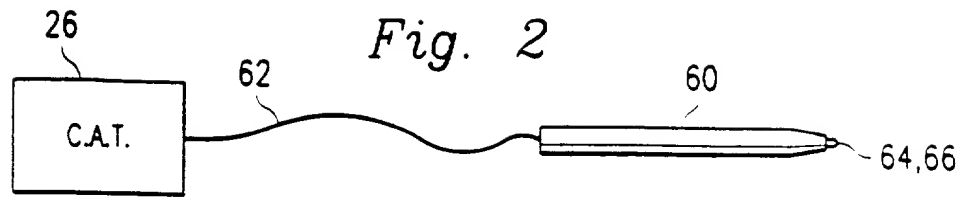


Fig. 5

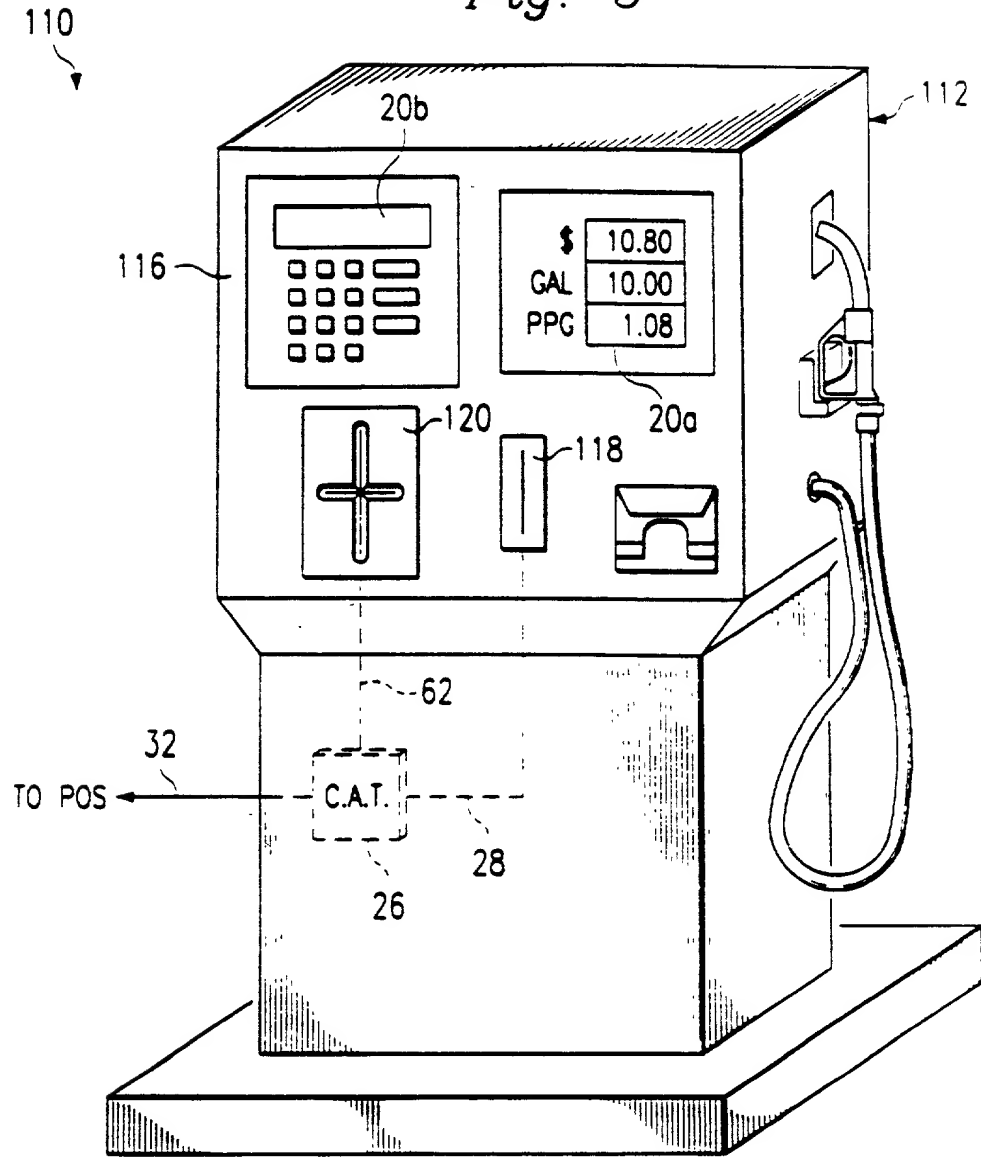
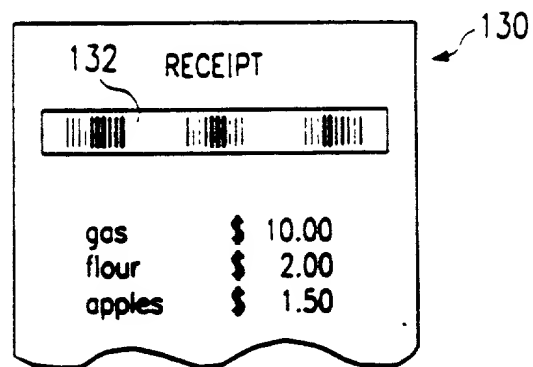
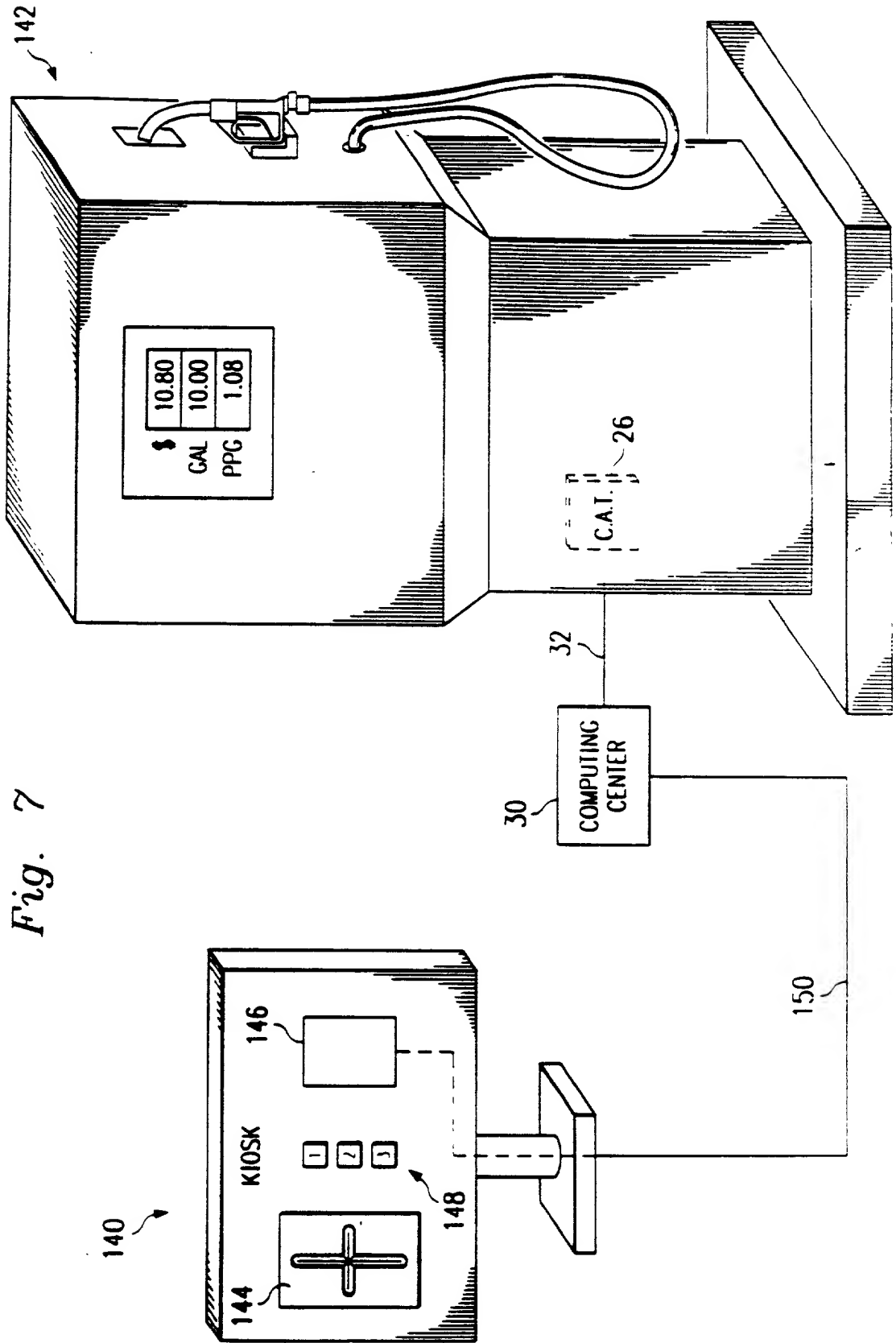


Fig. 6





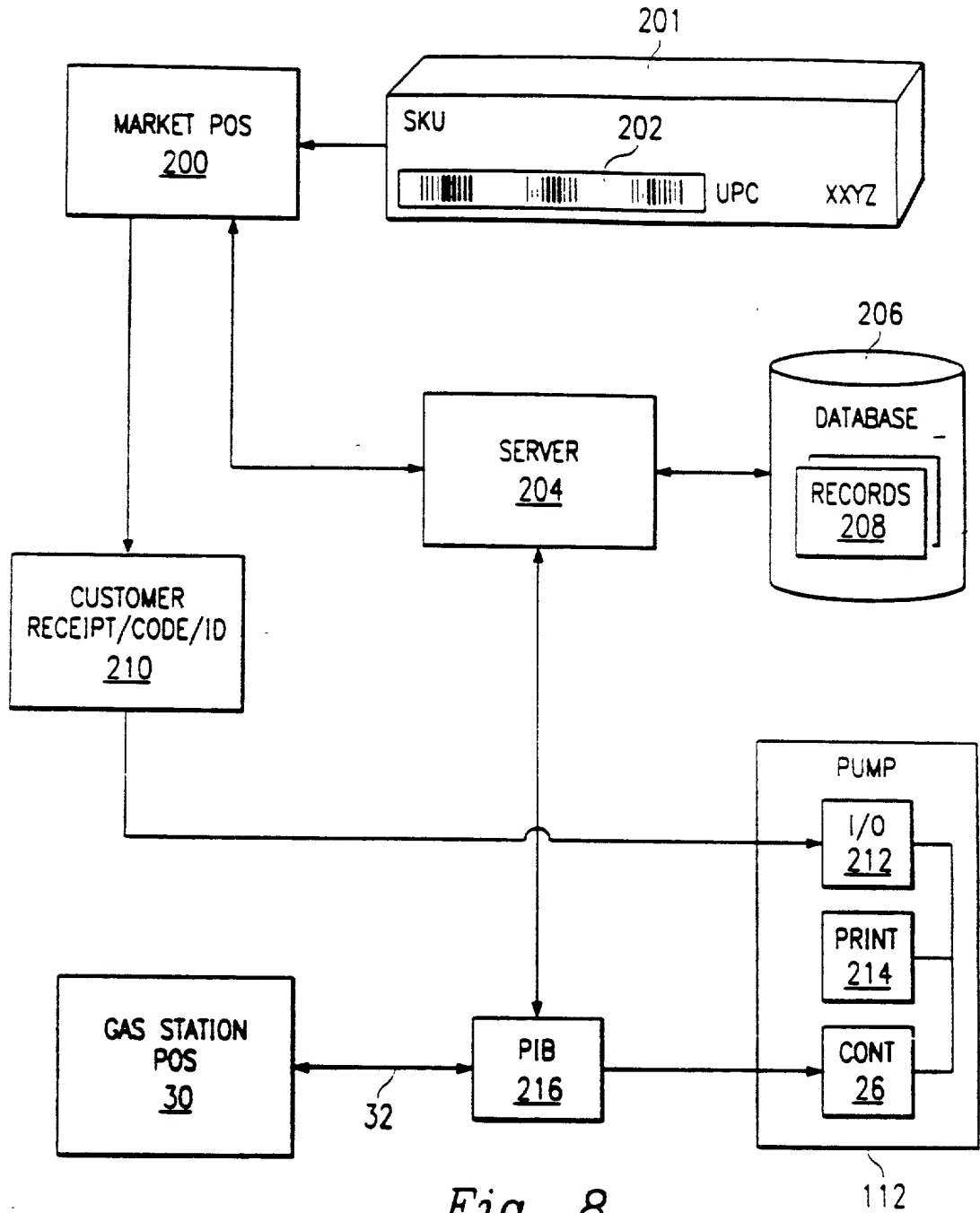


Fig. 8

Fig. 9

300

SMITH, A		ID NO.	1234ABC			
DATE	PURCHASES	QUANTITY OF DESIGNATED ITEMS (PROMO)	TOTAL QUANTITY (LOYALTY)	DISCOUNT	DISCOUNT USED	DISCOUNT AMOUNT
<u>302</u>	<u>304</u>	<u>306</u>	<u>308</u>	<u>310</u>	<u>312</u>	<u>314</u>
1/5/99	20\$	3	5	N		
1/17/99	15\$	5	10	Y (≥5 PROMO)	1/20/99	10¢/GAL
1/28/99	45\$	2	4	N		
2/4/99	25\$	1	3	Y (>20 LOY) Y (>100\$)		10¢/GAL } 25¢/GAL 15¢/GAL }
TOTAL	\$105	11	22			

208

300

302

316

318

320

316 318 320

208

300

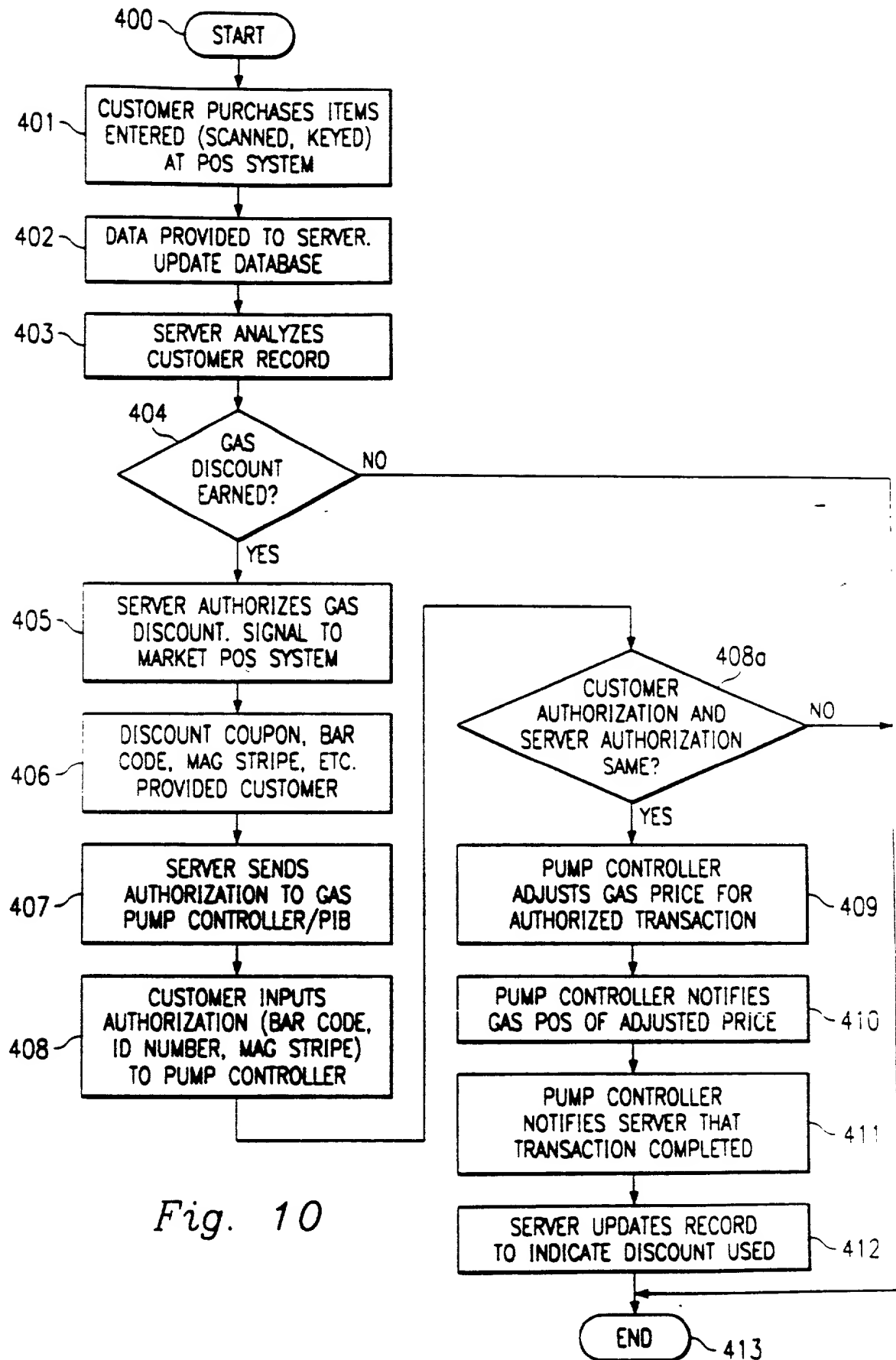


Fig. 10

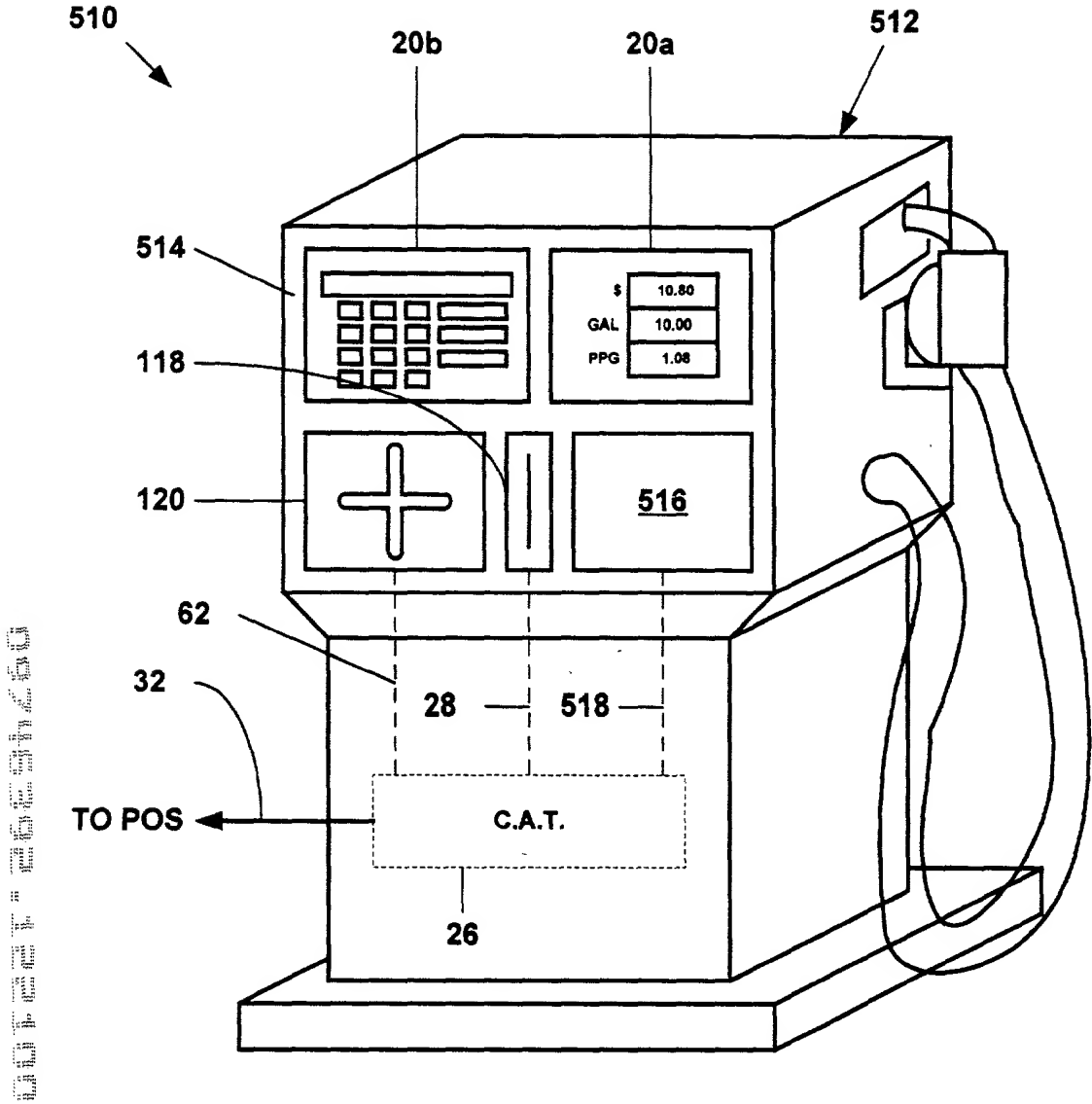


Fig. 11

600

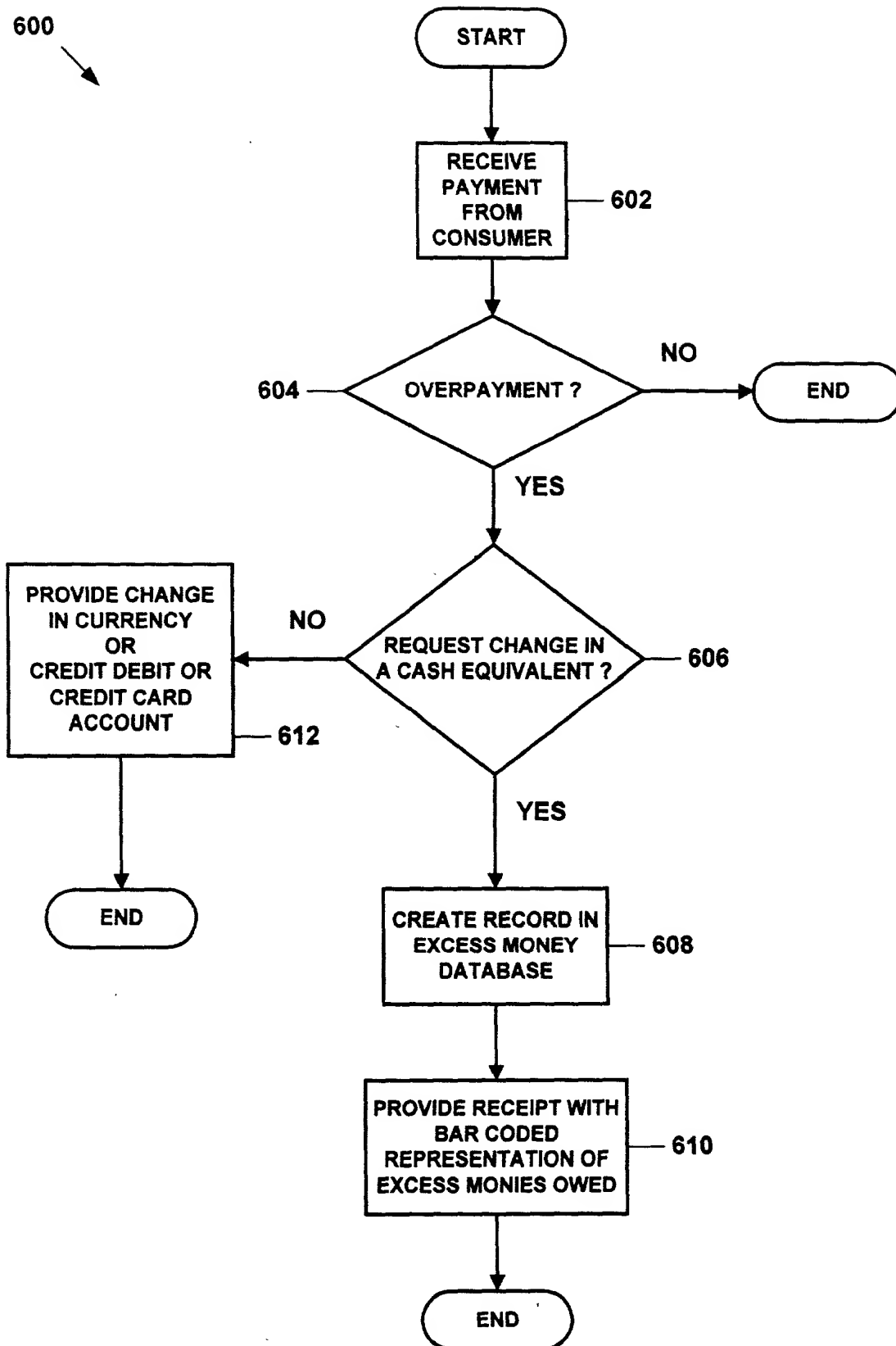


Fig. 12a

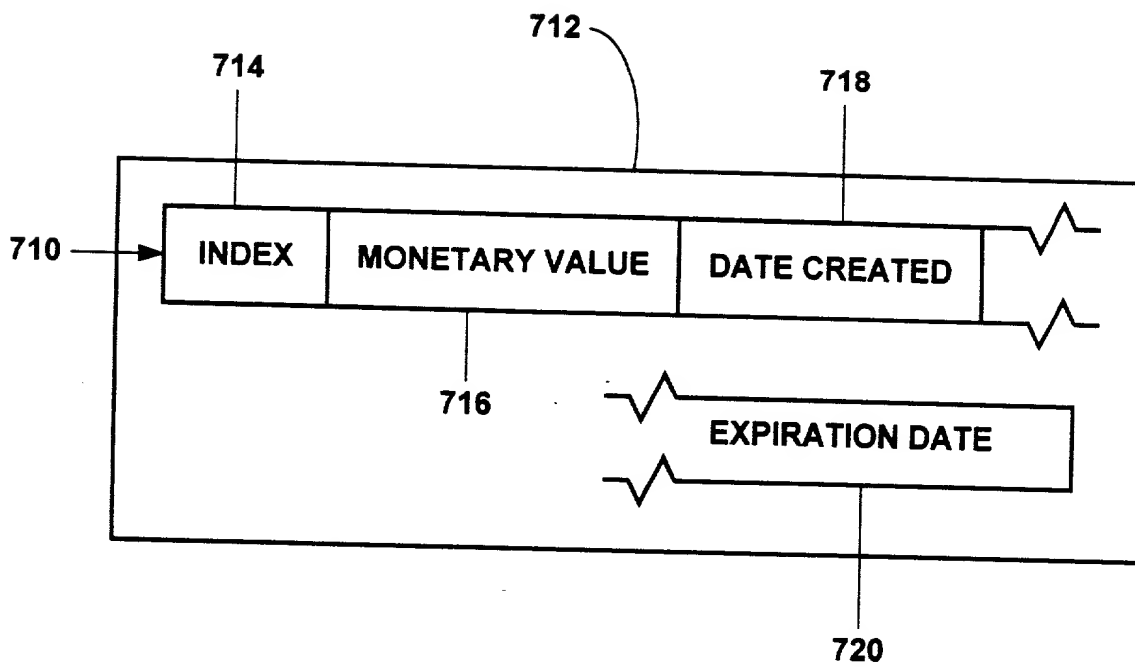


Fig. 12b

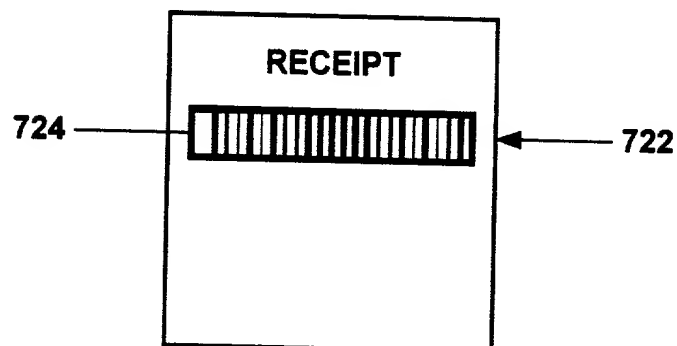


Fig. 12c